

2006 Publications

Papers in Journals

Komaki, N., Lee, H.S., Fujino, S. and Yamashita, K., 2006. The centricity and its transformation of Mobara City in Kujukuri Area. *Annals of Human and Regional Geography*, 28, 1-23. (J)

Uezu, T., Kubo, T., Harano, M., Mitsui, K., 2006. Residential Structure in Mobara City in terms of Characteristic of Residence. *Annals of Human and Regional Geography*, 28, 61-99 (J)

Zhao, Y., and Murayama, Y., 2006. Urban dynamics analysis using spatial metrics: A case study of Yokohama city. *Tsukuba Geoenvironmental Sciences*, 2. In press.

Zhao, Y., and Murayama, Y., 2006. A method to model neighborhood interactions in geo-simulation of urbanization processes, In: Raubal, M., Miller, H.J., Frank, A.U., Goodchild, M.F., eds., *Geographic Information Science, Germany, IFGI prints 28*, 415-420

Zhao, Y., Murayama, Y., Zhang Y., 2006. Field-based fuzzy spatial reasoning model: case of constraint satisfaction problem, In: Raubal, M., Miller, H.J., Frank, A.U., Goodchild, M.F., eds., *Geographic Information Science , Germany , IFGI prints 28*, 421-424.

Murayama, Y. 2006. Development of Web GIS for visualizing population movement. *Ann. Rep., Multi Use Social and Economic Data Bank*, 82, 15-30. (J)

Ahmadi Nejad Masouleh, F., 2006. A Geographical Study of School Attendance Areas Using Multiplicatively Weighted Voronoi Diagrams: A Case of Rasht City , Iran . *Geographical Review of Japan*, 79:(12) (English edition).

Zhao, Y. & Murayama, Y., 2006. Effect of spatial scale on urban land-use pattern analysis in different classification systems: An empirical study in the CBD of Tokyo. *Theory and Application of GIS*, 14:(1)29-42.

Murayama, Y. 2006. Availability of SDAM in quantitative geography. *Tsukuba Studies in . Human Geography*, 30, 99-12. (JE, with Komaki, N.)

Book review papers

Vista, B.M., 2006. *An Atlas of Poverty in America: One Nation, Pulling Apart, 1960 - 2003* (authored by Amy K. Glasmeier, Routledge Taylor & Francis Group, New York, 2006), *Geographical Review of Japan*, 79:(12) 298 - 300 (in English edition)

Thapa, R.B., 2006. *GIS, Spatial Analysis, and Modeling* (eds. by David J. Maguire, Michael Batty, and Michael F. Goodchild, ESRI Press, Redland, 2005), *Geographical Review of Japan*, 79:(12) 300 - 303 (in English edition).

Symposiums and Conferences

Komaki, N., Iwama, N., Sasaki, M. and Tanaka, K., 2006. The development of food deserts issues in Japan. GIS Forum in Mito, Ibaraki Prefectural Library, October 24.

Komaki, N., 2006. A Locational analysis of large-scale retail stores in terms of regulation of land-use: A case study of Kofu Urban Planning Area. Papers and Proceedings of the Geographic Information Systems Association, 15, 405-408. (JE)

Ohbi, K., Kuwahara, Y., Murayama, Y., 2006. An analysis of landscape change based on topography and distance from river. Papers and Proceedings of the Geographic Information Systems Association, 15, 463-466. (JE)

Zhao, Y. & Murayama, Y., 2006. Modeling spatial processes of urban growth using cellular automata: A case study of the Tokyo metropolitan area. In proceedings of the 15th annual meeting of GIS Association of Japan, Nihon University, October 17-18.

Ahmadi Nejad Masouleh, F., 2006. Establishment of Attendance Areas for Iranian Schools Using GIS. In proceedings of the 15th annual meeting of GIS Association of Japan, Nihon University, October 17-18.

Ngigi M.M. 2006. Exploring the Spatial Distribution of PLWA in Nairobi City. In proceedings of the 15th annual meeting of GIS Association of Japan, Nihon University, October 17-18.

Thapa, R.B. & Murayama, Y., 2006. Detecting urban land use/cover change using satellite imageries: a case study of the Kathmandu metropolitan area, Nepal. In proceedings of the 15th annual meeting of GIS Association of Japan, Nihon University, October 17-18.

Komaki, N., Iwama, N., Sasaki, M. and Tanaka, K., 2006. The development of food deserts issues in Japan. In Research Abstracts on Spatial Information Science. CSIS DAYS 2006, University of Tokyo, October 4-5.

Ngigi M.M. & Murayama, Y., 2006. AIDS and the City: Examining the Spatial Characteristic of the HIV/AIDS Pandemic in Nairobi. In Research Abstracts on Spatial Information Science. CSIS DAYS 2006, University of Tokyo, October 4-5. [Poster]

Ahmadi Nejad Masouleh, F., 2006. School Attendance Areas and GIS. In Research Abstracts on Spatial Information Science. CSIS DAYS 2006, University of Tokyo, October 4-5. [Poster]

Uezu, T., Murayama, Y., Ono, H. 2006. WebGIS for studying municipality's historical boundary changes: Meiji period 22- Heisei period 18. In Research Abstracts on Spatial Information Science. CSIS DAYS 2006, University of Tokyo, October 4-5. [Poster]

Thapa, R.B. & Murayama, Y., 2006. Land use change analysis using remote sensing and GIS: a case study of Kathmandu metropolitan area, Nepal. In Research Abstracts on Spatial Information Science. CSIS DAYS 2006, University of Tokyo, October 4-5. [Poster]

Iwama, N., Tanaka, K., Sasaki, M. and Komaki, N., 2006. The development of food deserts issues in the Japanese local city. In proceedings of the General Meeting of the Association of Japanese Geographers, Shizuoka University, September 23-25.

Komaki, N., 2006. A study of the expansion of large-scale stores in Tokushima Urban Area. In proceedings of the General Meeting of the Association of Japanese Geographers, Shizuoka University, September 23-25.

Ahmadi Nejad Masouleh, F., 2006. Spatial Allocation of Students to Schools Using GIS. In proceedings of the General Meeting of the Association of Japanese Geographers, Shizuoka University, September 23-25.

Zhao, Y., and Murayama, Y., 2006. Analysis and simulation of urban dynamics of the Tokyo Metropolitan Area, Japan. In: Sino-Japan-Korea Symposium of Young Geographers, Sep. 15-18, Beijing.

Komaki, N., 2006. Expansion of Large-Scale Stores in Japanese Local City. In: Sino-Japan-Korea Symposium of Young Geographers, Beijing Normal University, September 15-18.

Ahmadi Nejad Masouleh, F., 2006. Delineating and Analyzing School Enrolment Areas by Multiplicatively Weighted Voronoi Diagram (MWVD) Method and GIS: A Case of Rasht City, Iran. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 13-18.

Zhao, Y., and Murayama, Y., 2006. Effect of spatial scale on dynamic analysis of urban land-use pattern: A case study of Yokohama city. In: Japan Geoscience Union Meeting 2006, Makuhari city, 18th of May.

Thapa, R.B., 2006. Integrated land suitability assessment scenario for peri-urban agriculture: a case study of Hanoi province, Vietnam. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 13-18. [Poster]

Komaki, N. and Hashimoto, K., 2006. The relation of the sales characteristic and the day of the week in convenience stores: A POS data analysis of 287 stores in the Tokyo Metropolitan Area, and spatial implications. In proceedings of the General Meeting of the Association of Japanese Geographers, Saitama University, March 27-30.

Hashimoto, K., and Komaki, N., 2006. Classification of convenience stores using sales information: A POS data analysis of 287 stores in the Tokyo Metropolitan Area. In proceedings of the General Meeting of the Association of Japanese Geographers, Saitama University, March 27-30.

(J: Japanese, JE: Japanese with English abstract)